Sample Summary

Intercontinental Terminals

Job No: TD38956

CARDILCL: Deer Park Release

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
TD38956-1	05/10/19	11:30		05/11/19	AQ	Water	WW-20190510-002-DAY8
TD38956-1R	05/10/19	11:30		05/11/19	AQ	Water	WW-20190510-002-DAY8
TD38956-2	05/10/19	11:30		05/11/19	AQ	Water	WW-20190510-200-DAY8
TD38956-3	05/11/19	11:30		05/11/19	AQ	Water	WW-20190511-002-DAY9

90016216

Report of Analysis

Client Sample ID:	WW-20190510-002-DAY8		
Lab Sample ID:	TD38956-1	**Date Sampled:**	05/10/19
Matrix:	AQ - Water	**Date Received:**	05/11/19
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	CARDILCL: Deer Park Release		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	R03483104.D	1	05/14/19 18:27	FI	n/a	n/a	VR2116
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
106-89-8	Epichlorohydrin	ND	10	2.2	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		72-122%
17060-07-0	1,2-Dichloroethane-D4	103%		68-124%
2037-26-5	Toluene-D8	89%		80-119%
460-00-4	4-Bromofluorobenzene	97%		72-126%

(a) Sample composited prior to analysis per client request.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WW-20190510-002-DAY8		
Lab Sample ID:	TD38956-1R	**Date Sampled:**	05/10/19
Matrix:	AQ - Water	**Date Received:**	05/11/19
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	CARDILCL: Deer Park Release		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	X0128880.D	1	05/22/19 17:13	FT	n/a	n/a	VX4027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
106-89-8	Epichlorohydrin	ND	10	2.2	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		72-122%
17060-07-0	1,2-Dichloroethane-D4	119%		68-124%
2037-26-5	Toluene-D8	117%		80-119%
460-00-4	4-Bromofluorobenzene	109%		72-126%

(a) Sample composited prior to analysis per client request.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: WW-20190510-200-DAY8
Lab Sample ID: TD38956-2
Matrix: AQ - Water
Method: SW846 8260C
Project: CARDILCL: Deer Park Release

Date Sampled: 05/10/19
Date Received: 05/11/19
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	X0128881.D	1	05/22/19 17:38	FT	n/a	n/a	VX4027
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
106-89-8	Epichlorohydrin	ND	10	2.2	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		72-122%
17060-07-0	1,2-Dichloroethane-D4	117%		68-124%
2037-26-5	Toluene-D8	116%		80-119%
460-00-4	4-Bromofluorobenzene	108%		72-126%

(a) Sample composited prior to analysis per client request.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WW-20190511-002-DAY9		
Lab Sample ID:	TD38956-3	**Date Sampled:**	05/11/19
Matrix:	AQ - Water	**Date Received:**	05/11/19
		Percent Solids:	n/a
Project:	CARDILCL: Deer Park Release		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Carbonaceous Bod, 5 Day	< 2.0	2.0	mg/l	1	05/12/19 21:15	MC	SM 5210B-2011
Chromium, Hexavalent	< 0.010	0.010	mg/l	1	05/12/19 10:00	ES	SM 3500CR B-2011
Enterococci [a]	2	1	mpn/100ml	1	05/11/19 13:54	MS	ASTM D6503-99

(a) Insufficient sample volume for duplicate analysis.

RL = Reporting Limit

CHAIN OF CUSTODY

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SGS

10165 Harwin Dr, Ste 150 Houston, TX 77036
TEL 713-271-4700 FAX 713-271-4770
www.accutest.com

FED EX Tracking #: | Bottle Order Control #:
SGS Accutest Quote #: | SGS Accutest Job #: TD38956

Client / Reporting Information

Company Name: InterContinental Terminal Co
Street Address: 1943 Battleground Rd.
City: Deer Park | State: TX | Zip: 77536
Project Contact: Cheryl Henne | E-mail: Cheryl.Randle@cardno.com
Phone # | Fax #
Sampler(s) Name(s): C.Pilg, V. Phipps, R. Frizzell | Phone #

Project Information

Project Name
Street
City | State
Project #
Client Purchase Order #
Project Manager

Billing Information (if different from Report to)

Company Name
Street Address
City | State | Zip
Attention

Requested Analyses

SGS Accutest Sample #	Field ID / Point of Collection	Collection: Date	Time	Sampled By	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	ZnAcNaOH	HNO3	H2SO4	NONE	DI Water	MEOH	TSP	NaHSO4	ENCORE	OTHER	Epichlorohydrin by 8260	Enterococci	Hexavalent Chromium	CBOD	LAB USE ONLY
1	MW-20190510-002-Day8	5/10/19	11:30	CP, VP	MW	4	X												X				
2	MW-20190510-200-Day8	5/10/19	11:30	CP, VP	WW	4	X												X				
3	MW-20190511-002-Day9	5/11/19	11:30	CP, BF	MW	3												X		X	X	X	

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank

Turnaround Time (Business days)

- [ ] Standard
- [x] 5 Day *RUSH*
- [ ] 4 Day *RUSH*
- [ ] 3 Day *RUSH*
- [ ] 2 Day *RUSH*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (SGS Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [x] FULT1 (Level 3+4)
- [ ] REDT1 (Level 3+4)
- [ ] Commercial "C"
- [ ] TRRP
- [x] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC & Surrogate Summary

Comments / Special Instructions

*Lab is to composite all aliquots following directions given - see Erika

Form: SM021-0

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Date Time:	Relinquished By:	Date Time:	Received By:	Date Time:
1		5/11/19 12:32	1		2	5-11-19	2	5/11/19 325
3			3		4		4	
5			5		Custody Seal #	Intact / Not intact	Preserved where applicable	On Ice / Cooler Temp. 2.4

http://www.sgs.com/en/terms-and-conditions

SGS Sample Receipt Summary

Job Number: TD38956 **Client:** CARDNO **Project:** ITC

Date / Time Received: 5/11/2019 **Delivery Method:** **Airbill #'s:**

No. Coolers: 1 **Therm ID:** IR9; **Temp Adjustment Factor:** 0;

Cooler Temps (Initial/Adjusted): #1: (2.4/2.4);

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:		
3. Cooler media:	Ice (Bag)	

Quality Control Preservation	Y	N	N/A	WTB	STB
1. Trip Blank present / cooler:	☐	☑	☐	☐	☐
2. Trip Blank listed on COC:	☐	☑	☐		
3. Samples preserved properly:	☑	☐			
4. VOCs headspace free:	☑	☐	☐		

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Sample Receipt Log

Job #: TD38956 **Date / Time Received:** 5/11/2019 1:25:00 PM **Initials:** mwc

Client: CARDNO

Cooler #	Sample ID:	Vol	Bot #	Location	Pres	pH	Therm ID	Initial Temp	Therm CF	Corrected Temp
1	TD38956-1	40ml	1	VR10	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR9	2.4	0	2.4
1	TD38956-1	40ml	2	VR10	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR9	2.4	0	2.4
1	TD38956-1	40ml	3	VR10	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR9	2.4	0	2.4
1	TD38956-1	40ml	4	VR10	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR9	2.4	0	2.4
1	TD38956-2	40ml	1	VR10	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR9	2.4	0	2.4
1	TD38956-2	40ml	2	VR10	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR9	2.4	0	2.4
1	TD38956-2	40ml	3	VR10	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR9	2.4	0	2.4
1	TD38956-2	40ml	4	VR10	HCL	Note #1 - Preservative to be checked by analyst at the instrument.	IR9	2.4	0	2.4
	TD38956-3	Spec Cup	1	MICRO	Na2S2O3	Note #2 - Preservative check not applicable.				
	TD38956-3	250ml	2	3Q	N/P	Note #2 - Preservative check not applicable.				
	TD38956-3	1000ml	3	3Q	N/P	Note #2 - Preservative check not applicable.				